

2.2 BRIDGE MAIN MENU

The BRIDGE MAIN MENU was developed as an easy way to access the Division's most used programs and applications. This menu is the central control point for the Structures System. After most operations are complete or if an escape is desired, you will usually get back to this menu. Note that the appearance of the menu may change over time as new programs are added.

MAIN MENU					
SELECT DESIRED OPERATION :					
BDS	CONC	COMP	ESS	Account	GEOM
BENT	FOOT	PROP	SCRIPT3	CANCEL	COGOPLT
COGO	Yield	SUPE		Help	STRUPLOT
COMBAT	* ABUT		MANHOUR	HP	YIELPLOT
EFRAME	PSGIRDR		BRSTAT	JOBS	RDS
FRAME	PILE	CABLSTAY	BPRS	LIBSTR	LP
FOSTIF	WEAP80	CELL		Maint	TRAV
SEISAB		CURDI	HIRISE	PAN	
strubaG		CURVBRG	HYDRO	RECOVER	TSNEWS
Strudl		LANELL	DEFREQ	STORE	
TABS		MUPDI		TSPRINT	CMS
Weflfs				Utility	Logoff

VM READ TR4

The BRIDGE MAIN MENU is divided into blocks of related programs/applications. Refer to the BRIDGE COMPUTER MANUAL and HELP for the specific application details. Other applications are discussed below. Each program is accessed by typing either the complete program name such as `yield` <enter> (capital or lower case) on the command line or just the capitalized letter(s) such as `y` or `Y` <enter>. The asterisk before `ABUT` denotes a program in the testing phase.

In many cases each time a program is accessed a list of your existing files for that program is shown on the screen for selection. Type an `X` or any other character next to the desired file. If no files exist one can be created by simply entering the new file name when prompted. If you have files but wish to create a new one enter the name in the first space of the selection screen and press <Enter>. For some applications, options appear on the screen as shown below:

SELECT DESIRED OPERATION :	
P	= PANEL INPUT/EDIT (FULL SCREEN TERMINAL ONLY)
E	= NORMAL EDIT WITH XEDIT
R	= RUN

The "R" option causes a list of run and print options to appear on the screen. These allow a job to be submitted after a data set is created and allow printing at various locations. Note that the run screen may be different for different programs. Following is a sample run screen:

```

PLEASE FILL IN FOLLOWING INFORMATION TO SUBMIT BDS1      JOB

SOURCE==> 59315
CHARGE==> 59 EA==> 910076 SJ==> _____ SD==> _____

USER IMMEDIATE PROCESSING      ..... _
CMS BATCH PROCESSING           ..... X

NIGHT PROCESSING (BATCH ONLY)  ..... _

OUTPUT DESTINATION  .... PRINTER (14X11 PAPER ONLY) ..... _
                   .... YOUR ACCOUNT                      ..... X

JOB IDENTIFICATION  _      PLOT DEST  n (P/PAPER T/TERM D/DRAFT N/NO)

MAXIMUM CPU TIME ALLOWED      3 MINUTES
ESTIMATED REGION REQUIRED      2049 K
MAXIMUM OUTPUT LINES          10000 LINES

ENTER=RUN      PF3=QUIT

```

Bridge Main Menu Commands

CMS -- Places you in CMS environment (R; appears in the upper left corner of the screen.

```

=====
Type  BRIDGE <enter>  to return to the BRIDGE MAIN MENU from CMS
=====

```

A - Accounting	-- Refer to Section 1.5.
CANCEL	-- See following discussion.
HELP	-- Refer to Section 2.5.
HP- HP Program Index	-- List of current programs.
JOBS	-- See following discussion.
LIB	-- Library help.
M - File Maintenance	-- Refer to Section 2.32
PAN	-- Panvalet Utility to manipulate Panvalet files.
RECOVER	-- Refer to Sections 2.34 & 2.35.
STORE	-- Refer to Sections 2.34 & 2.35.
TSPRINT	-- Refer to Section 2.32.
TSNEWS	-- See following discussion.
U - File Utility	-- Refer to Section 2.34
L - LOGOFF	-- Be sure to LOGOFF PROMPTLY (Type L, <enter>)

Access to the Bridge System is also possible through dial-up terminals. The Full-Screen capabilities described in this guide (Input Panels and Full Screen Edit) can be utilized on some dial-up terminals. If you are using a dial-up or special terminal please contact Structures Computer Operations.

BRIDGE MAIN MENU PF KEYS

The PF keys available from the BRIDGE MAIN MENU are identical to the PF Keys available when in CMS. A total list of PF Key designations can be obtained by pressing <PF 10>. Frequently used PF Keys are:

<PF 8> --- Query Reader for files directed to you.
<PF 9> --- RDRLIST (refer to Section 3.24)

TSNEWS

TSNEWS is the major means of keeping the user informed of various items relating to the operation of the Structures Computer System. Items are chronological with the latest items on top. To access the file, type TSNEWS from the BRIDGE MAIN MENU. You then can page through the file using the <PF8> key. If you are an occasional user or you have been on vacation for some time, it is a good idea to check into TSNEWS to see what has been happening while you were away.

Most items in the TSNEWS file are put there by personnel in the Computer Operations unit without any notice to you. However a brief announcement about important items referring to TSNEWS will occasionally be flashed to you at logon time. This intrusion into your terminal time is kept to a minimum so it is expected that you will check the TSNEWS file on your own from time to time.

TSPRINT

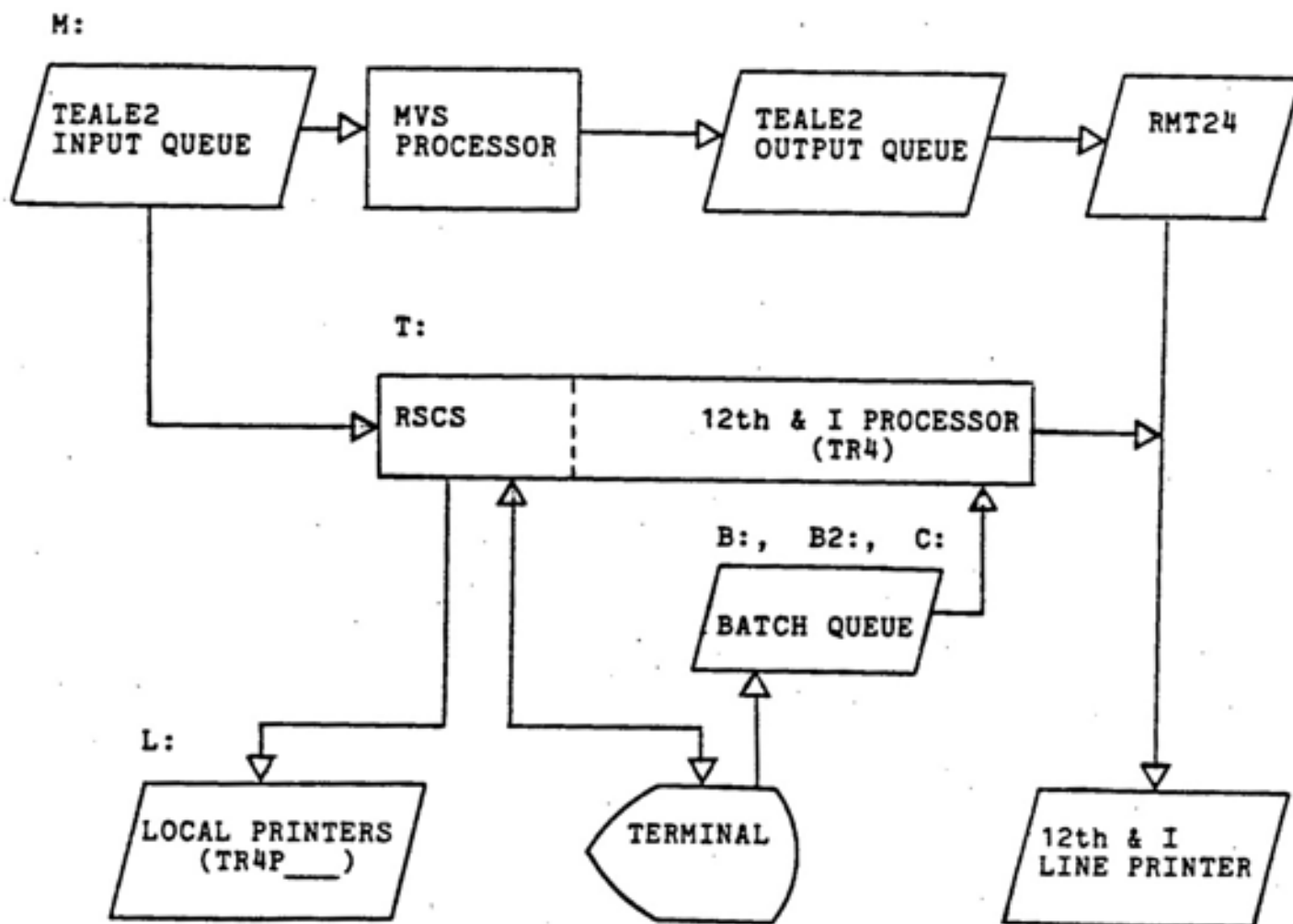
TSPRINT will result in an OUTPUT OPTION screen for selection of paper types and output destinations. See Section 2.32 for a sample screen.

JOBS

The JOBS screen allows you to check the status of your job in the various processing/printing queues and to check key communications lines. Note that a job number will appear on the screen at the time of job submittal. This number follows the job throughout processing and appears in the final printout. It is the easiest way to trace a lost job. However, during processing through the various queues other job numbers are also assigned by each queue and these will appear during a JOBS check.

If your job appears to taking an excessive amount of time to run, check the communication lines and report any problems to the 5th floor (3-7391). These lines are not constantly monitored and your reporting of any problems is often the only way the problem is identified. The various queues and lines are shown in the diagram on the next page.

- M: - Shows the status of YOUR jobs in the Teale2 processor input queue. All of YOUR jobs can be seen on the screen or the status of a particular job can be requested. If your job is not shown on the screen it may not yet be in the processor. Wait a while and check again and/or check the communication lines.
- B: - Shows the status of ALL jobs waiting to be processed in the TR4(B) batch processor at 12th & I.
- B2: - Shows the status of ALL jobs waiting to be processed in the TR4(B2) batch processor at 12th & I. This is primarily NIGHT BATCH jobs.
- L: - Shows the status of ALL jobs in the local printers scattered throughout the 12th & I building (TR4P__ printers). Job numbers must be known to identify jobs.
- P: - Shows the status of ALL jobs waiting to be printed on the 12th & I high speed printer.
- R: - Shows the status of the link between Teale and the 12th & I printer. If this link is not active call Computer Support at 3-7391.
- C: - To cancel a job running in the batch mode.
- Q: - Returns you to the BRIDGE MAIN MENU.
- <enter> - Returns you to the BRIDGE MAIN MENU.



CANCEL

The CANCEL screen allows you to cancel any of YOUR jobs residing in different parts of the computer system. Specific information printed to the screen at the time of submittal must be known. You can only cancel YOUR jobs from YOUR account.

- M: - To cancel a job running on the MVS processor at Teale.
- C: - To cancel a job running in the batch mode on the 12th & I processor.
- R: - To cancel a job running at Teale but to be printed at 12th & I.
- L: - To cancel a job running to be printed at one of the local printers scattered throughout the 12th & I building (TR4P___ printers).
- Q: - Returns you to the BRIDGE MAIN MENU.

STEPS FOR CHANGING YOUR PASSWORD

1. From the MAIN BRIDGE MENU or the CMS prompt type:

```
=====
vmsecure <enter>
=====
```

You will be asked for your current password.

2. On the VMSECURE User Selection Menu enter a:

```
=====
1 <enter> to go to the password panel.
=====
```

3. Enter your new password in the panel and KEEP A RECORD OF YOUR NEW PASSWORD. If you press <PA2> your password will be visible.

4. Press <PF12> and your new password will be saved. You will be asked to enter the new password again to verify it. Press <PF12> again to leave the panel.

PASSWORD REQUIREMENTS

1. You may change your password any time you wish, but you must change it at least every 90 days.
2. After 80 days have elapsed since your last change you will be warned that it is time to change it again. This warning will simply appear as a message at the time you logon.
3. After 90 days have elapsed your password will expire. You will not be prevented from logging on. Instead you will simply be required to supply a new password before you can logon. Make a note of it.

4. There are some additional password restrictions:
 - Must be a minimum of 4 characters in length.
 - Cannot be the same as your USERID.
 - Cannot be the same as the previous 15 passwords.
 - Cannot be changed more than once in the same day.
 - There will also be a list of reserved words, such as months of the year, which will be prohibited. This is not in effect yet.

LOGOFF PROCEDURE

When you are done with an operation (or when PF3 is pressed) you will be returned to the BRIDGE MAIN MENU.

```
=====
Type  L <enter>
=====
```

If you are not in the Structures environment but in CMS, (as indicated by the 'R;' in the upper left of the screen);

```
=====
Type  logoff <enter>
=====
```

Note also that you will be automatically logged off if you are inactive at the terminal for 45 minutes.

2.3 FILES

A file is composed of structured information sets, called records, that are normally kept on the VM/370 on line disk storage units. Files are used to store information for use at a later time. They may contain either data or programs.

At logon time, Structure's users are assigned virtual 'disks' or file storage areas. The primary disks are designated as 'Disk A' through 'Disk G'. The user's 'A' disk is the user's private storage area. When a user creates a file, it is stored on the 'A' disk. Files on the 'A' disk may be modified or erased at the discretion of the user. The 'A' disk is a read/write (R/W) disk and the user is the only one who can change anything on it. The 'B' disk is the CALTRANS system service disk. All CALTRANS supplied commands, help files, etc. are on the 'B' disk which is a read only (R/O) disk. The 'C' disk is the SCRIPT disk and the 'D' disk contains the Structure's Library (LIBSTR); they are also read only. The 'E' disk is temporary storage used during logon only. The 'F' and 'G' disks are the main Structures System service disks and are read only.

Any data files which reside elsewhere in the system, (such as TSO, PANVALET etc.) may be moved into your VM/CMS account. This move must be performed by you the user (See Section 2.34 File Utility).

Any data files created through the keypunched BRIDGE JOB CONTROL form (ie. Documents) will be automatically directed to your reader. Any files you create during a terminal session will remain in your account.

All of the files in your account have no expiration date.

It is a good idea to erase excess files. Try to keep your account about 75% full or less, this will usually leave enough room for any files which will be directed to you and for edit operations. Your account space costs the same empty or full, so it is not necessary to erase just to keep storage down. (see Section 2.32 File Maintenance)

Files may be passed to and from your account and any other account. (see Section 2.34 File Utility)

2.31 FILE ID

A complete file identification consists of the three elements: FILENAME, FILETYPE, FILEMODE. In most cases, the File Type and Mode are assigned by the program which creates the file. The user of the program should normally only be concerned with file names.

FILENAME

CMS File Names consist of one to eight alphanumeric characters. The characters \$, #, and @ may also be used. Examples of valid file names are:

MYFILE	BIGFILE	XXX	NEWA
WW33456	abcdefgh	RAMP1	A

Filenames of files which are directed to your account from batch submittals (such as BDS or STRUDL) will be limited to 6 characters (ie. the FILE ADDRESS on the BRIDGE JOB CONTROL Form). Filenames to archives must begin with a letter (See Section 2.35).

FILETYPE

The filetype is used to identify the application or type of data contained in the file. Generally the filetype will be automatically assigned when the file is created. The filetype is used by most of the programs to verify that the data belongs to that program. Invalid filetypes will be rejected.

Some of the more frequently used, reserved filetypes are:

<u>filetype</u>	<u>Application</u>	<u>filetype</u>	<u>Application</u>
BDS1	BDS	FRAME	Frame System
COGO	COGO	GEOM	Bridge Deck Geometrics
LAYOUT	Layout Plot	RDSDATA....	Roadway Design System
POINTS	Traverse Points	SCRIPT	Word processing text
STRUBAG ...	STRUBAG	STRUDL	STRUDL
YIELD	Yield Column Anal.	FILE.....	Account data
FOOT.....	Footing Des/Anal.	PILE.....	Pile shaft Anal.

Other filetypes you may see:

EXEC	CMS EXEC's	FORTRAN ...	Fortran Source Prog.
JCL	Job Control Lang.	LISTING ...	Output
TEXT	Object Code	WBASIC	Waterloo Source
WDATA	Waterloo Data	WSTORE	Waterloo Object Code
DATA	General Data	PLI	PL/I Source Code

FILEMODE

The filemode is a letter (A-Z) and a number (0-5). Each disk that a user may access is designated by a letter. The letter in the filemode simply indicates on which disk a file is located.

A user's private files always have a mode letter of 'A' because they are stored on the 'A' disk. The mode number will normally be '1'.

EXAMPLES OF USER'S FILE IDs

(name type mode)

```
MYFILE  WBASIC  A1
RAMP     BDS1    A1
BENT23   YIELD   A1
```

FILENAME FILETYPE FILEMODE are always delimited from each other with one or more blanks.

PROFILE EXEC

There is one file ID common to each user's account. This is PROFILE EXEC A1. This is a special file which defines the system characteristics for each USERID. All USERID's do not necessarily have the same characteristics. DO NOT ERASE OR MODIFY THIS FILE.

ARCHIVE FILE

This is a list of files that have been archived. It contains descriptive file information including any comments that were added when the files were archived. DO NOT ERASE THIS FILE --- IT IS NEEDED TO RECOVER YOUR ARCHIVE FILES.

2.32 FLIST AND FILE MAINTENANCE

A list of the files in your account is controlled with an IBM product called FILELIST. To access this list type one of the following lines from the Script or Main Menu.

```
=====
M <enter>                                (For ALL files in your account)
or M filename filetype <enter>          (For a specific file)
or M * filetype <enter>                 (For ALL files of one filetype)
=====
```

FILELIST -----PF Key Operations

To get help on FILELIST ----- Press <PF1>

To refresh the screen ----- Press <PF2>
<PF2>

To QUIT ----- Press <PF3> to Quit. You will
<PF3> be returned to the menu from
which you entered FLIST.

To SORT the display ----- Press <PF4> to sort by filetype.
<PF4>, <PF5> or <PF6> Press <PF5> to sort by Date.
Press <PF6> to sort by Blocksize.

To page thru display ----- Press <PF8> to page FORWARD.
<PF7> or <PF8> Press <PF7> to page BACKWARD.

To Edit a file (XEDIT) ----- Place cursor in COMMAND AREA on line
<PF11> of file desired, press <PF11>

FILELIST -- COMMAND AREA Operations

The following commands should be typed in the COMMAND AREA
on the line of the file desired.

The command area is just to the left of the file ID and
you can type commands over the file ID.

To DISCARD file ----- Type DISCARD and <enter>.

DISCARD This removes the
file from your account permanently.
You may erase more than one file with a
single <enter>.

To Send a file ----- Type SF / tsbxy (users ID)

To Archive a file ----- Type STORE and <enter>.
STORE The file will be stored in archives
(see ARCHIVAL STORAGE Section 2.35)

FILELIST -- COMMAND AREA Operations (Continued)

To Copy a file ----- Type COPY / newname newtype newmode <enter>.

COPY / All 3 file parts must be specified.
 Use an = to indicate a part is unchanged.
 (Example: copy / newjunk = = <enter>
 creates a new copy with filename newjunk
 The filetype, filemode remain the same.)
 NOTE: The new copy will not show on the screen
 until you refresh the screen with <PF2>

To Rename a file ----- Type RENAME / newname newtype newmode <enter>.

RENAME / All 3 file parts must be specified.
 Use an = to indicate a part is unchanged.
 (Example: rename / oldjunk = = <enter>
 renames the file with filename oldjunk.
 The filetype, filemode remain the same.)

To Print a file ----- Type TSPRINT and <enter>.
 the following menu will appear

```

                OUTPUT OPTIONS
      THE DEFAULT OPTIONS ARE LISTED.
    CHANGE ANY OPTIONS YOU WISH TO CHANGE.

FILENAME LEARN      FILETYPE  SCRIPT   FILEMODE  A
-----
PAPER      NUMBER OF COPIES  1
- DC31 ( 8.5 X 11.0 )
- TRP35 ( 11.0 X 8.5 WITH 3 HOLES ON TOP & BOTTOM )
- DC41 ( 11.0 X 8.5 )
- DC51 ( 8.5 X 11.0 WITH 3 HOLES ON LEFT )
X DC61 ( 14.0 X 11.0 )
- DC67 ( 14.0 X 11.0 WHITE PAPER )
- MICROFILM

DESTINATION
X OSD 5TH FLOOR (12 & I) (DC61 ONLY)
- RMT22 (HQ)
- TEALE2
- TR4P35C (LOCAL PRINTER, 2000 LINES MAX.)
  USER _____ AT _____ NODE
  
```

Note: To print a LIST of all your file names
 file the FILELIST and the use TSPRINT to
 print the file with your user ID as the
 filename and filetype FILELIST.

The TR4P35C local printer designation shown above is an example only.
 Other local printer designations may appear in the menu. The default

designations are based on USERID and the user's normal workstation. If it is desired to print to a different local printer the designation may be changed directly on the print menu screen. See the following table for other designations.

The "node" designation for sending files to other users may also be changed by typing over the designation shown. The "TR4" default designation is the processor at 12th & I.

LOCAL PRINTER LOCATIONS AND DESIGNATIONS

PRINTER LOCATION	PRINTER ID FOR SCREEN PRINT*	PRINTER ID FOR TSPRINT**
CONTROLLER 1		
1st Floor Construction	31	TR4P33F
2nd Floor Prelim Invest.	30	TR4P33E
3rd Floor Estimating	29	TR4P33D
4th Floor Printer Room	28	TR4P33C
CONTROLLER 2		
4th Floor Section 5	30	TR4P35E
4th Floor Section 3	31	TR4P35F
5th Floor Section 9	28	TR4P35C
5th Floor SASA	29	TR4P35D

* Code located below the solid line at the bottom of the screen to the right of the barbell symbol. The code shows the default printers when screen print is used. For screen print, individual terminals may access only printers that are attached to the same controller as the terminal.

The code can be changed by holding down the ALT key, pressing the IDENT key, and retyping the code.

** Used to direct output to any local printer. Just change the 7 character ID on the print screen to reroute output.

2.35 ARCHIVAL STORAGE

To Archive a file ---- Type STORE in the command area of the file in FILELIST.
OR,
Type ST on the command line from the UTILITY Menu.
The screen will prompt you for the filename.
You will also have the opportunity to add comments to the file before archiving.

The archival storage (ST) capability is not intended as a backup for every file. Your account is frequently backed-up and back-up copies are not required for insurance purposes. Archival storage costs money and should only be used for shelf jobs and large files which may be needed in the future. Generally if you can easily re-create a file it should not be archived. The archival files are maintained by Structures Computer Operations.

When you move a file into archival storage, the file is erased from your account. Archival files are not erased from archives when you move them back into your account. Older files are stored on tape. If your file cannot be recovered from the menu, call Structures Computer Operations. A list of persons available to resolve specific problems is available in the 5th floor printer room. An ARCHIVE FILE file is created and/or updated in your account. This file contains the names of all files archived including any descriptions you may have added when the file was archived. DO NOT ERASE OR ALTER THE ARCHIVE FILE IN YOUR ACCOUNT.

ARCHIVAL FILENAMES MUST BEGIN WITH A LETTER.

To Recover a file --- Type RE <enter> on the command line from the UTILITY or BRIDGE Menu. This will get you a list of your archived files.
If STATUS = ARCHIVE the file is on tape and will require some time before it can be recovered. The file will be returned to your reader.
If STATUS = INACTIVE the file is in an inactive account and will be returned immediately to your account.

2.35 ARCHIVAL STORAGE

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ARCHIVAL FILENAMES MUST BEGIN WITH A LETTER.

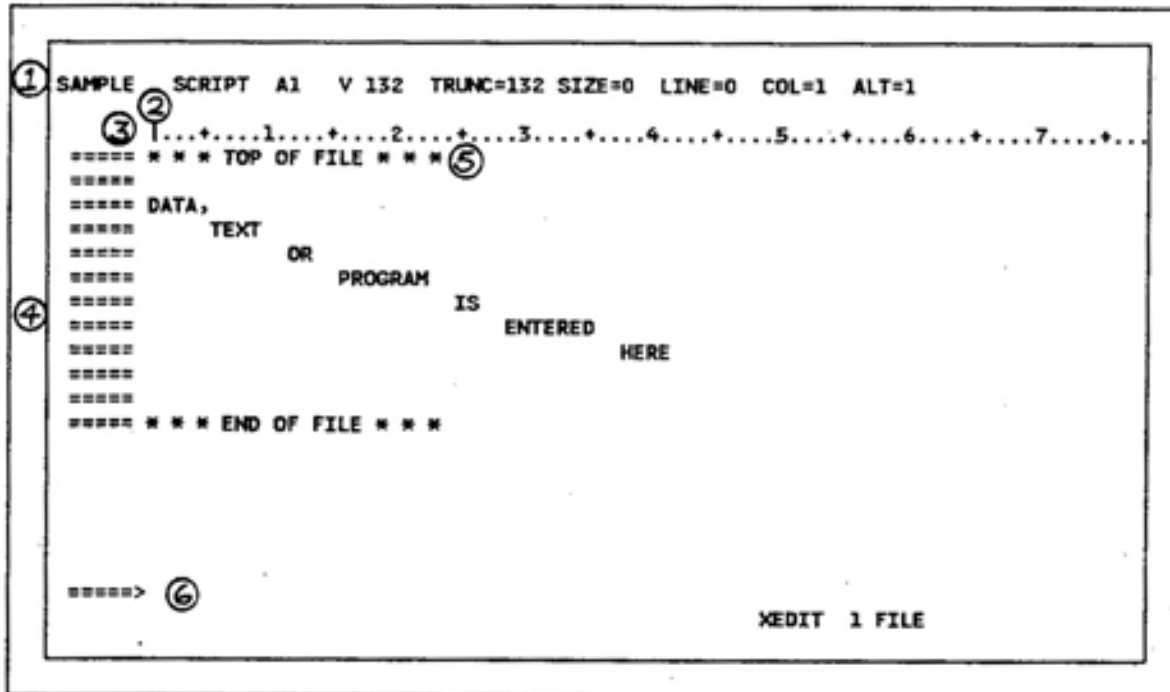
To Recover a file --- Type RE <enter> on the command line from the UTILITY or BRIDGE Menu. This will get you a list of your archived files.
If STATUS = ARCHIVE the file is on tape and will require some time before it can be recovered. The file will be returned to your reader.
If STATUS = INACTIVE the file is in an inactive account and will be returned immediately to your account.

2.36 XEDIT

XEDIT is an IBM Product used to facilitate editing files.

It is especially useful for editing of freeform input files such as STRUDL and COGO. XEDIT mode is indicated by: X E D I T 1 FILE, in the lower right corner of the screen.

The XEDIT screen;



MOVING TO VARIOUS LOCATIONS IN THE FILE (XEDIT)

The following commands are executed by <enter> :

TOP or BOT	in the Command Line to get to Top or Bottom of the file.
/	in the prefix area to move that line to Top of screen. That line becomes the current line.
/word	in the Command Line to locate "word" from the current line to the end of the file. Note: Use <PF9> to re-execute this command to find the next use of "word".
U n or D n	in the Command Line to move n lines Up or Down. (Default = 1 line)
BA n or FO n	in the Command Line to move n pages Backward or Forward. (Default = 1 page)
RI n or LE n	in the Command Line to move n spaces Right or Left. (Default = 1 space)

The Current Line is the brighter line at the top of the screen in XEDIT. Many command line commands operate directly after the current line.

The PF Key operations are designed especially for edit operations.

PF KEY OPERATIONS (XEDIT)

<PF1> ----- HELP ----- Obtain info. on XEDIT.

<PF2> ----- ADD A LINE----- Adds one line below cursor.

<PF3> ----- QUIT ----- Back to Main Menu, (Only if no changes have been made. Use FILE if file has been modified and you want to save it. Otherwise use QQUIT.

<PF4> ----- TAB ----- TAB Key.

<PF6> ----- LAST ----- Displays last command.

<PF7> ----- BACKWARD ----- One page BACKWARD.

<PF8> ----- FORWARD ----- One page FORWARD.

<PF9> ----- EXECUTE LAST----- Re-executes last command.

<PF10> ----- SHIFT RT/LT ----- Shifts screen right or left.

<PF11> ----- SPLIT/JOIN CURSOR- Splits a line in two at the cursor if you are not at the end of the line. Joins with the line below if the cursor is at the end of the line.

<PF12> ----- MOVE CURSOR----- Moves cursor to command line or previous location (toggle)

(Note: A Paper PF Key Index is available for XEDIT and BROWSE).

To Insert/Delete within a line ---- Use , <^a>, <PA2> and <RESET> keys :

 -- Deletes character at the cursor; right part moves left.

< ^ a > -- Press <PA2> when cursor is located on the line desired, if the file is over 124 characters wide, this frees up the right end of the line.

Press < ^ a > to activate the insert mode. Any typing performed at this time will be inserted at the cursor and the remainder of the line will move to the right.

Disable the Insert Mode with <Reset>.

2.4 THE READER - RDRLIST

The reader is a large temporary storage area in the system. This area is not directly charged to your account. It is used to hold files which are directed or sent to you (such as output listings). This temporary area acts as a buffer between your account and the computer.

An IBM product called RDRLIST is provided to assist you in dealing with reader files. RDRLIST will permit you to DISCARD or Print (RDRPRNT) files which are in the reader or RECEIVE files from the reader into your account.

If there are any files younger than 7 calendar days old (or any NOTE or MAIL files) for you in the reader at LOGON (or at the time of FILE MAINTENANCE from the Main Menu), you will be automatically placed in the RDRLIST environment. When you are already logged on you may reach the reader list by pressing <PF9> from the MAIN MENU or the CMS prompt.

```
TSBTL      RDRLIST  AO V 105 TRUNC=105 SIZE=4 LINE=1 COLUMN=1
```

Cmd	Filename	Filetype	Class	User	At Node	Hold	Records	Date	Time
	PROB5	BDS1	PUN A	TSBTT	TEALE	NONE	15	10/11	10:39:38
	TSBMTATT	OUTPUT	PUN A	TSBTT	TEALE	NONE	50	10/11	10:50:00
	TSBSL#TT	OUTPUT	PUN A	TSBTT	TEALE	NONE	25	10/12	11:20:15

```
1=Help      2=Refresh    3=Quit      4=Rdrprnt   5=Sort(date) 6=Discard  
7=Backward  8=Forward    9=Receive  10=Sort(Size) 11=Rdrscan 12=Cursor  
====>
```

Any files which reside in the reader cannot be used there. These files must be received into your account, printed or discarded. Generally this action must be performed by you. Files in your reader remain there until you LOGON. If the file is over 7 days old it will be automatically purged from the reader at LOGON time. The exceptions to this are NOTE and MAIL files which will always be automatically displayed (PEEK) and then filed in the ALL NOTEBOOK file in your account. (See 2.6 Notebook) Print files cannot be received into your account.

It is important that you periodically LOGON to your account in order to keep the reader area cleaned up. Files remaining in this shared area tend to clutter up the system. Messages and listings are placed there for your convenience and if purged promptly, the reader provides an economical means of transmitting data to you.

PF KEY OPERATIONS (RDRLIST)

To update display ----- Press <PF2> to refresh screen to
<PF2> show latest changes.

To QUIT ----- Press <PF3> to Quit RDRLIST
<PF3>

To print a file (RDRPRNT) --- Place cursor in COMMAND AREA on
<PF4> line of file desired, press <PF4>.

To sort the display ----- Press <PF5> to sort by Date.
<PF5>

To DISCARD a file ----- Place cursor in COMMAND AREA on
<PF6> line of file desired, press <PF6>.

To page thru display ----- Press <PF8> to page FORWARD.
<PF7> , <PF8> Press <PF7> to page BACKWARD.

To RECEIVE a file ----- Place cursor on COMMAND AREA on
<PF9> line of file desired, press <PF9>.
If a file has the same name as
something in your account Type:

RECEIVE / newfilename newfiletype newmode <enter>

To look at a file (RDRSCAN) - Place cursor in COMMAND AREA on
<PF11> line of file desired, press <PF11>.

SAVING INFORMATION IN YOUR READER PRINT FILES

```
=====
From CMS --- Type  q rdr <enter>
=====
```

```
=====
From BRIDGE MAIN MENU --- Press  <PF 8>)
=====
```

The system will respond with:

```
ORIGINID FILE CLASS RECORDS  CPY HOLD FORM
RSCS      ffff A PRT 0012345  001 NONE DC61
```

Then from CMS peek at a portion of the file by:

PEEK ffff (FROM bbb FOR nnnn) where:

```
ffff is the FILE No. from q rdr
bbb  is the first line No.
nnnn is the number of lines to peek
```

Then file the information by typing File in the command line.

2.5 HELP

The HELP facility is a full-screen facility to help you learn more about the various commands and programs.

There are two ways to access the HELP Facility:

- o From The Main Menu ---- type H <enter>
- o From XEDIT, or FILELIST press <PF1>

The HELP facility will provide you with instructions in its use.

To exit press <PF3>.

The portions of this facility which describe the Structures System are currently being developed.

Any comments you have which you can make toward making this a more useful product would be greatly appreciated.

2.6 NOTEBOOK

A file named ALL NOTEBOOK resides in your account. This file contains messages, notes, etc. sent to you from other users and from Computer Operations personnel. This file is for your personal use, and it may be edited, printed and/or deleted at your discretion. Erasing the file will not prevent future ALL NOTEBOOK file material from being sent to you. The file will automatically be created.

At LOGON time if there are any NOTE or MAIL files in your reader, you will be automatically placed in the RDRLIST PEEK environment and when you exit this application with the <PF3> key, the NOTE and MAIL files will be automatically saved in the ALL NOTEBOOK file in your account. If the ALL NOTEBOOK file does not exist, one will be created. This file will continue to grow with time and should be erased periodically.

GLOSSARY

Account:	(As in 'your account') the user's collection of files. (See Files 2.3 and FLIST 2.32)
Accounting Information:	A file of information for charging computer time to the user's various projects. Also called Account File. (see Accounting Data 1.5)
BDS:	Bridge Design System
COGO:	Coordinated Geometry
CP:	Control Program for the Central Processor.
CRT:	Cathode Ray Tube, the display screen, the monitor.
Cursor:	A rectangle or underbar of light on the screen to indicate your 'place'.
JCL:	Job Control Language.
IPL:	Initial Program Load.
L TSBxy:	Logon code.
your password:	Password unique to each user.
PF:	(as in PF Key) Program Function. The Program Function Keys are programmed to execute certain commands quickly.
RMT24:	Designation for the 5th floor 1200 lpm printer for jobs from processors other than TR4.
RSCS:	Remote Spooling Communications Subsystem accepts files and transmits them to destinations requested by the user.

SP: System Product

Syntax: (as in Syntax Error) Format for entering a command.
A syntax error is often an omitted blank or a blank
in the wrong place.

VM/CMS: Virtual Machine/Conversational Monitor System.